

LOCKHEED AIRCRAFT CORP.		ENGINEERING STUDY <input type="checkbox"/>		LAC -71							
		CHANGE PROPOSAL <input checked="" type="checkbox"/>									
DATE 2-17-60		AFFECTS: WSPO <input type="checkbox"/>		PROJECT <input checked="" type="checkbox"/>							
NAME OF MAJOR COMPONENT AIRPLANE		PART OR LOWEST SUBASSEMBLY HEAT EXCHANGER		PART NO. & MODEL OR TYPE 87880-4							
TITLE OF PROPOSAL : REPLACEMENT -- U-2C FUEL - OIL HEAT EXCHANGER											
NATURE OF PROPOSAL : <ol style="list-style-type: none"> 1. Remove existing fuel-oil heat exchanger (P/N 87880-4) with high fuel temperature settings from all U-2C aircraft, and replace with standard heat exchanger (P/N 87880-3) used on U-2A aircraft. 2. Prepare and issue a Service Bulletin. <p>NOTE:- No parts will be supplied in kits as the 87880-3 heat exchangers can be obtained from stock.</p>											
REASON FOR PROPOSAL : <p>To decrease fuel heating and "manufactured" fuel. This will allow more of the fuel on board to be used and should improve the mission fuel-time relationship by about 1% to 1 1/4%. In addition, this will simplify stock and supply problems since U-2A aircraft are already equipped with the replacement part.</p>											
ES	ESTIMATED COST AND TIME INVOLVED : ---										
	ADDITIONAL FUNDING REQUIRED : ---										
CP	ESTIMATED COST FOR KITS OR PARTS : None										
	ADDITIONAL FUNDING REQUIRED : None										
ITEMS AFFECTED BY PROPOSAL :											
SAFETY	MISSION EFFEC- TIVENESS	PERFORM- ANCE	OPERATING PROCEDURE	INTER- CHANGE- ABILITY	WEIGHT OR WEIGHT & BALANCE	TOOLS & SUPPORT EQUIPMENT	MAINTENANCE PROCEDURE	SERVICE LIFE	FLIGHT MANUAL	MAINTENANCE MANUAL	
<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
EST. MAN/HRS. REQ'D. TO ACCOMPLISH CHANGE IN FIELD 1 Hr. (Not including engine removal)											
SOURCE OF PARTS FOR KIT : None						AVAILABILITY --- WEEKS AFTER APPROVAL					
DISPOSITION OF SPARES AFFECTED P/N 87880-4 parts are reworkable.											
INITIATED BY : L.A.C.						APPROVED : WFO 3/9/60 PROJECT					